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	Complete if Known
Application Number	10/693,419
Filing Date	2003-10-23
First Named Inventor	J. Rodney Walton , Carlisle, MA
Art Unit	2467
Examiner Name	SMITH, MARCUS
	Filing Date First Named Inventor Art Unit

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2(f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US6141388	10-31-2000	Servais et al.	
	002	US6532225	03-11-2003	Chang; Li Fung et al.	
	003	US6760882	07-06-2004	Gesbert et al.	
	004	US6847828	01-25-2005	Miyoshi et al.	
	005	US6940917	09-06-2005	Menon et al.	
	006	US7035359	04-25-2006	Molnar et al.	
	007	US7095709	08-22-2006	Walton et al.	
	008	US7164669	01-16-2007	Li et al.	
	009	US7248841	07-24-2007	Agee; Brian G. et al.	
	010	US7283508	10-16-2007	Choi et al.	
	011	US7551580	06-23-2009	du Crest et al.	
	012	US20010031621	10-18-2001	Schmutz, Thomas R et al.	
	013	US20020071445	06-13-2002	Wu, Geng et al.	
	014	US20020126803	09-12-2002	Jones, William W et al.	
	015	US20020132600	09-19-2002	Rudrapatna, Ashok N et al.	
	016	US20030043887	03-06-2003	Hudson, John E et al.	
	017	US20030060173	03-27-2003	Lee, Yong-Suk et al.	
	018	US20030076797	04-24-2003	Lozano, Angel et al.	
	019	US20030086514	05-08-2003	Ginis, Georgios et al.	
	020	US20030092456	05-15-2003	Dent, Paul Wilkinson et al.	
	021	US20030123381	07-03-2003	Zhuang, Xiangyang et al.	

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heet		of		Attorney Docket No: 020	NEE 4
(Ose as many sneets as necessary)				Examiner Name	SMITH, MARCUS
(I lea ne	(Use as many sheets as necessary)			Art Unit	2467
STATEMENT BY APPLICANT		First Named Inventor	J. Rodney Walton , Carlisle, MA		
INFORMATION DISCLOSURE				Filing Date	2003-10-23
				Application Number	10/693,419
Substitute for form 1449/PTO		Complete if Known			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code 2(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
	022	US20030128658	07-10-2003	Walton, Jay Rod; et al.	Appear
	023	US20030147371	08-07-2003	Choi, Sung-Ho et al.	
	024	US20030153320	08-14-2003	Noerpel, Anthony et al.	
	025	US20030157953	08-21-2003	Das, Arnab et al.	
	026	US20030161282	08-28-2003	Medvedev, Irina; et al.	
	027	US20030165189	09-04-2003	Kadous, Tamer; et al.	

			FOREIGN PATE	NT DOCUMENTS		
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Cite No.1					T 6
	028	WO01080510	10-25-2001	AWARE INC [US]		С
	029	JP11069431A	03-09-1999	MITSUBISHI ELECTRIC CORP		Г
	030	WO0182521A2	11-01-2001	QUALCOMM INC [US]		С

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